

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Atty Docket No.:
CHIU ET AL.)	78348 (29-5 US)
)	
Serial No. 09/896,695)	Art Unit: 2874
)	
Filing Date: June 28, 2001)	Examiner:
)	Tina M. Lin
Confirmation No. 9069)	
)	
For: Method and Apparatus for Push)	
Button Release Fiber Optic)	
Modules)	

DECLARATION UNDER 37 CFR 1.131

Honorable Commissioner of Patents & Trademarks
PO Box 1450
Alexandria, VA 22313-1450

Sir:

City of San Jose
State of California,

I, Yong Peng Sim, declare that all statements made of my own knowledge are true, and that all statements made on information and belief are believed to be true:

1. I, along with Liew Chuang Chiu, Ron Cheng Chuan Pang, Edwin Dair and Kee Sin Tan, am an applicant of the above-identified patent application and an inventor of the subject matter described and claimed therein.

2. Prior to November 30, 2000, I conceived the idea of a Push Button Release for a Fiber Optic Module as described and claimed in the above-identified application.

3. The original design was a one-piece plastic molded actuator and kicker called the "Pisces Actuator (Long Tail)", as illustrated in Exhibit A and in the drawing dated September 18, 2000 (Exhibit B).

4. To improve robustness, a two-piece version of the push-button release was developed, as illustrated in Exhibit C, with a plastic actuator (Exhibit D, dated October 9, 2000) and a metal kicker (Exhibit E, dated October 9, 2000)

5. Further improvements were made to the actuator to enhance its fit with the metal kicker, as illustrated in the drawing dated October 23, 2000 (Exhibit F).

6. A two-piece plastic molded version was then developed, as illustrated in Exhibit G, including an actuator (Exhibit H, dated March 7, 2001) and a kicker (Exhibit I, dated March 7, 2001).

7. I acknowledge that willful false statements and the like are punishable by fine and/or imprisonment, and may jeopardize the validity of the application or any patent issuing therefrom.

Sworn at the city of San Jose in the
State of California, this eighteenth day of
August, 2004


Yong Peng Sim

.....



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Atty Docket No.:
CHIU ET AL.)	78348 (29-5 US)
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Serial No. 09/896,695)	Art Unit: 2874
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)	Tina M. Lin
Confirmation No. 9069)	
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For: Method and Apparatus for Push)	
Button Release Fiber Optic)	
Modules)	

DECLARATION UNDER 37 CFR 1.131

Honorable Commissioner of Patents & Trademarks
PO Box 1450
Alexandria, VA 22313-1450

Sir:

City of San Jose
State of California,

I, Ron Cheng Chuan Pang, declare that all statements made of my own knowledge are true, and that all statements made on information and belief are believed to be true:

1. I, along with Liew Chuang Chiu, Yong Peng Sim, Edwin Dair and Kee Sin Tan, am an applicant of the above-identified patent application and an inventor of the subject matter described and claimed therein.
2. Prior to November 30, 2000, I conceived the idea of a Push Button Release for a Fiber Optic Module as described and claimed in the above-identified application.

3. The original design was a one-piece plastic molded actuator and kicker called the "Pisces Actuator(Long Tail)", as illustrated in Exhibit A and in the drawing dated September 18, 2000 (Exhibit B).


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Sworn at the city of San Jose in the
State of California, this eighteenth day of
August, 2004


Ron Cheng Chuan
Pang

.....



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Atty Docket No.:
CHIU ET AL.)	78348 (29-5 US)
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Serial No. 09/896,695)	Art Unit: 2874
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Filing Date: June 28, 2001)	Examiner:
)	Tina M. Lin
Confirmation No. 9069)	
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For: Method and Apparatus for Push)	
Button Release Fiber Optic)	
Modules)	

DECLARATION UNDER 37 CFR 1.131

Honorable Commissioner of Patents & Trademarks
PO Box 1450
Alexandria, VA 22313-1450

Sir:

City of San Jose
State of California,

I, Kee Sin Tan, declare that all statements made of my own knowledge are true, and that all statements made on information and belief are believed to be true:

1. I, along with Liew Chuang Chiu, Ron Cheng Chuan Pang, Yong Peng Sim and Edwin Dair, am an applicant of the above-identified patent application and an inventor of the subject matter described and claimed therein.

2. Prior to November 30, 2000, I conceived the idea of a Push Button Release for a Fiber Optic Module as described and claimed in the above-identified application.

3. The original design was a one-piece plastic molded actuator and kicker called the "Pisces Actuator(Long Tail)", as illustrated in Exhibit A and in the drawing dated September 18, 2000 (Exhibit B).

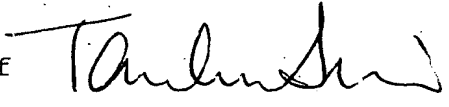
4. To improve robustness, a two-piece version of the push-button release was developed, as illustrated in Exhibit C, with a plastic actuator (Exhibit D, dated October 9, 2000) and a metal kicker (Exhibit E, dated October 9, 2000)

5. Further improvements were made to the actuator to enhance its fit with the metal kicker, as illustrated in the drawing dated October 23, 2000 (Exhibit F).

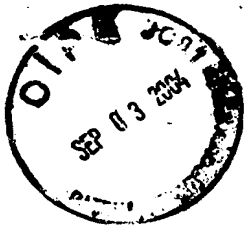
6. A two-piece plastic molded version was then developed, as illustrated in Exhibit G, including an actuator (Exhibit H, dated March 7, 2001) and a kicker (Exhibit I, dated March 7, 2001).

7. I acknowledge that willful false statements and the like are punishable by fine and/or imprisonment, and may jeopardize the validity of the application or any patent issuing therefrom.

Sworn at the city of San Jose in the
State of California, this eighteenth day of
August, 2004


Kee Sin Tan

.....



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Atty Docket No.:
CHIU ET AL.)	78348 (29-5 US)
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Serial No. 09/896,695)	Art Unit: 2874
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Filing Date: June 28, 2001)	Examiner:
)	Tina M. Lin
Confirmation No. 9069)	
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For: Method and Apparatus for Push)	
Button Release Fiber Optic)	
Modules)	

DECLARATION UNDER 37 CFR 1.131

Honorable Commissioner of Patents & Trademarks
PO Box 1450
Alexandria, VA 22313-1450

Sir:

City of Los Angeles
State of California,

I, Edwin Dair, declare that all statements made of my own knowledge are true, and that all statements made on information and belief are believed to be true:

1. I, along with Liew Chuang Chiu, Ron Cheng Chuan Pang, Yong Peng Sim and Kee Sin Tan, am an applicant of the above-identified patent application and an inventor of the subject matter described and claimed therein.

2. Prior to November 30, 2000, I conceived the idea of a Push Button Release for a Fiber Optic Module as described and claimed in the above-identified application.

3. The original design was a one-piece plastic molded actuator and kicker called the "Pisces Actuator(Long Tail)", as illustrated in Exhibit A and in the drawing dated September 18, 2000 (Exhibit B).

4. To improve robustness, a two-piece version of the push-button release was developed, as illustrated in Exhibit C, with a plastic actuator (Exhibit D, dated October 9, 2000) and a metal kicker (Exhibit E, dated October 9, 2000)

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6. A two-piece plastic molded version was then developed, as illustrated in Exhibit G, including an actuator (Exhibit H, dated March 7, 2001) and a kicker (Exhibit I, dated March 7, 2001).

7. I acknowledge that willful false statements and the like are punishable by fine and/or imprisonment, and may jeopardize the validity of the application or any patent issuing therefrom.

Sworn at the city of Los Angeles in the
State of California, this twenty-fifth day of
August, 2004


Edwin Dair

.....

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Atty Docket No.:
CHIU ET AL.)	78348. (29-5 US)
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Serial No. 09/896,695)	Art Unit: 2874
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Filing Date: June 28, 2001)	Examiner:
)	Tina M. Lin
Confirmation No. 9069)	
)	
For: Method and Apparatus for Push)	
Button Release Fiber Optic)	
Modules)	

DECLARATION UNDER 37 CFR 1.131

Honorable Commissioner of Patents & Trademarks
PO Box 1450
Alexandria, VA 22313-1450

Sir:


City of San Jose
State of California,

I, Liew Chuang Chiu, declare that all statements made of my own knowledge are true, and that all statements made on information and belief are believed to be true:

1. I, along with Ron Cheng Chuan Pang, Yong Peng Sim, Edwin Pair and Kee Sin Tan, am an applicant of the above-identified patent application and an inventor of the subject matter described and claimed therein.
2. Prior to November 30, 2000, I conceived the idea of a Push Button Release for a Fiber Optic Module as described and claimed in the above-identified application.

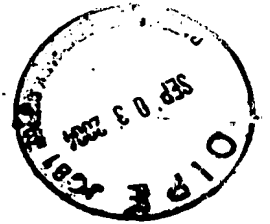
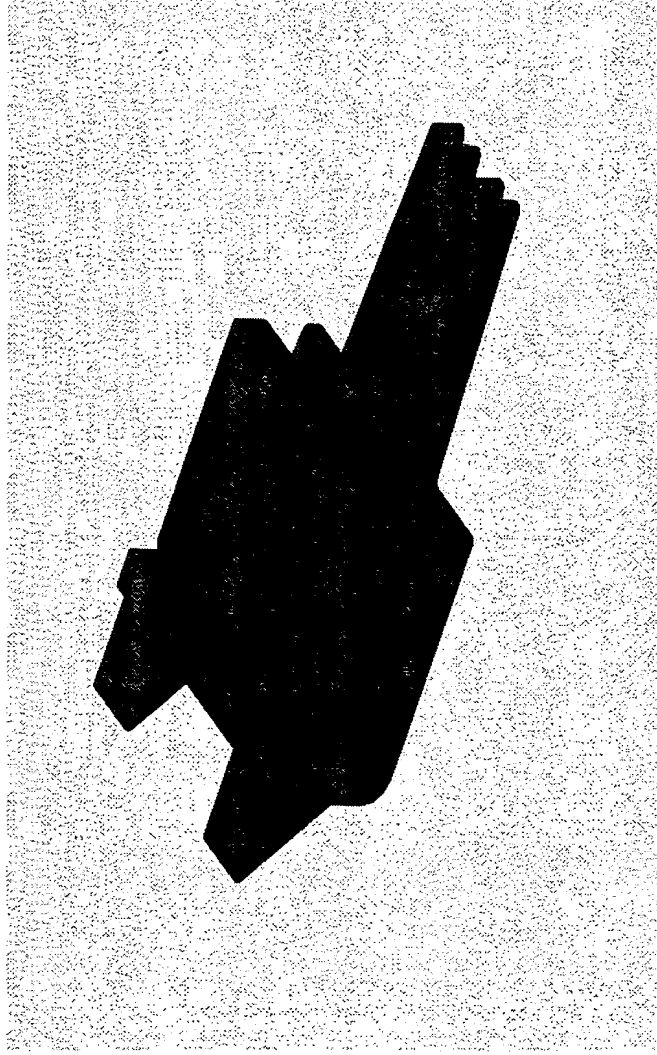
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7. I acknowledge that willful false statements and the like are punishable by fine and/or imprisonment, and may jeopardize the validity of the application or any patent issuing therefrom.

Sworn at the city of San Jose in the
State of California, this eighteenth day of
August, 2004


Liew Chuang Chiu

.....

Exhibit A

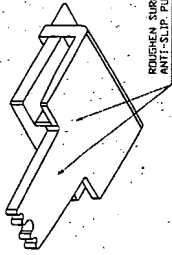
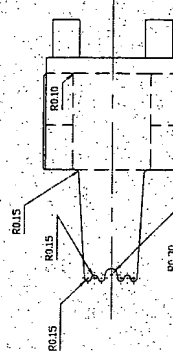
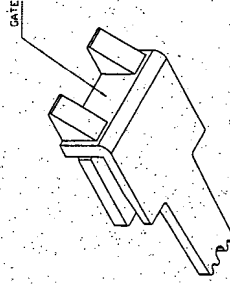
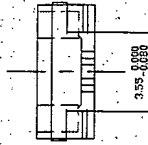
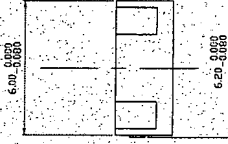
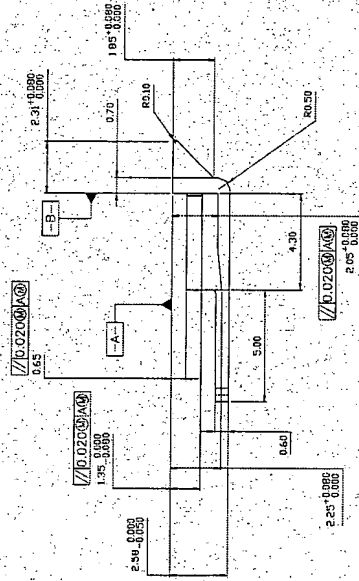
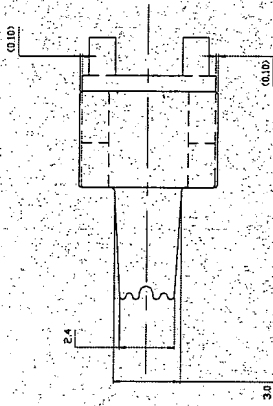
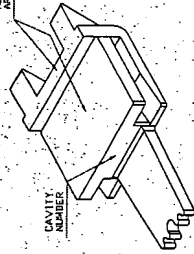


BEST AVAILABLE COPY

Exhibit B

NO SINK MARK OR
PROTRUSION ARE
ALLOWED IN TAIL
AREA

CAVITY
NUMBER



ROUGHEN SURFACE FOR
ANTI-SLIP PURPOSE

DRAWING NO.		E20 Communications Pte Ltd	
REFERENCE NO.		TITLE	
DRAWN BY		PART NUMBER	
CHECKED BY		SCALE	
DATE		UNIT	
DATE		NDT TO SCALE	
DATE		SHEET	
DATE		DF	

BEST AVAILABLE COPY

Exhibit C

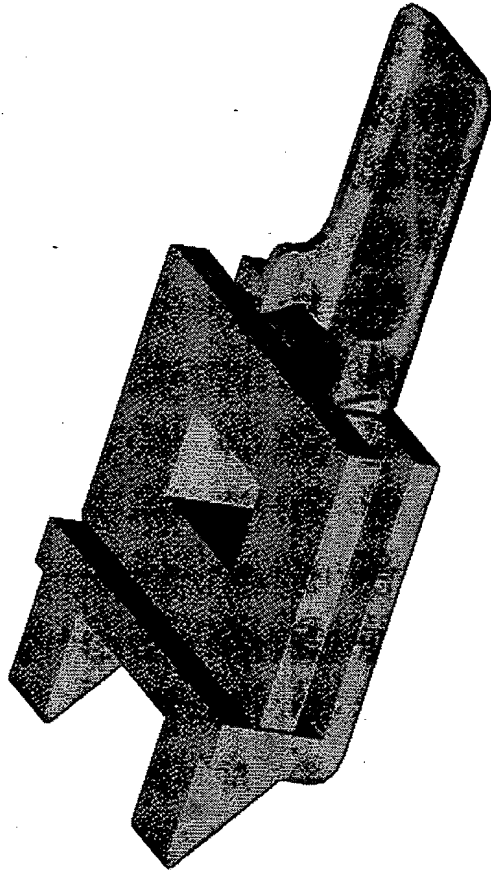
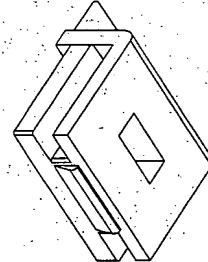
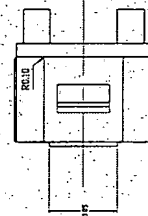
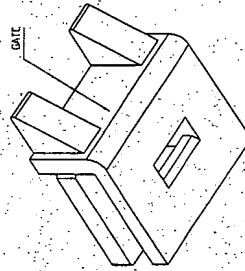
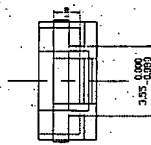
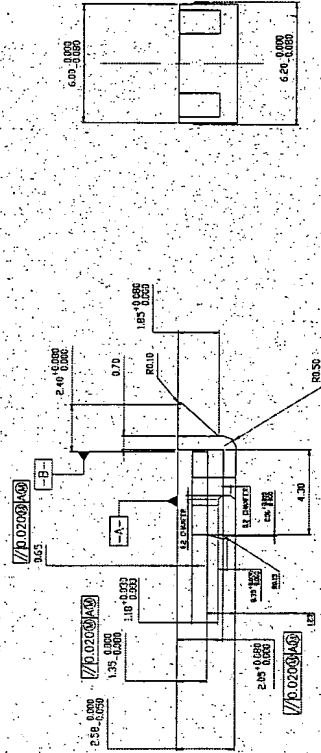
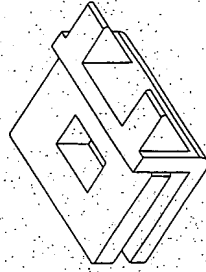
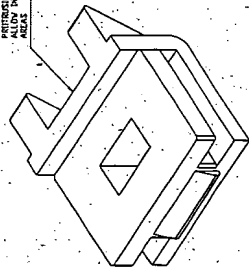


Exhibit D

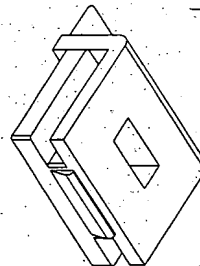
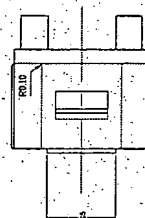
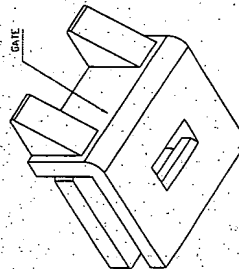
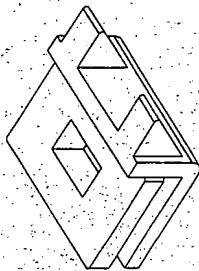
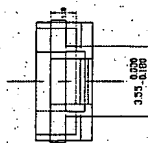
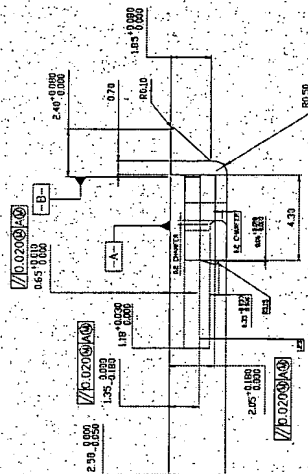
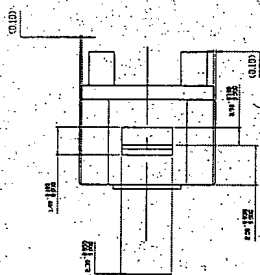
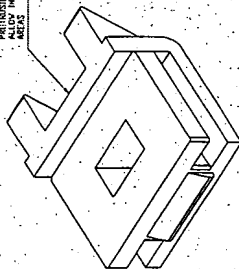
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4	DESIGN CHANGED PER ENPLAS	RPCC	18092000
5	RECTANGULAR HOLE FOR METAL KICKER	RPCC	09102000



UNLESS OTHERWISE SPECIFIED, ■ DIMENSIONS ARE IN MM ■ THIRD ANGLE PROJECTION	DRAWING NO.		E20 Communications Pte Ltd	
	REFERENCE NO.			
■ TOLERANCES X+/- 0.1mm XX +/- 0.05mm XXX +/- 0.03mm	TITLE		PISCES ACTUATOR	
	DATE		PART NUMBER	
	DRAWN BY	RPCC	DATE	220300
	CHECKED BY	YPS	DATE	220300
Angles +/- 1°	NDT TO SCALE		UNIT	mm
	SHEET		OF	

[illegible]

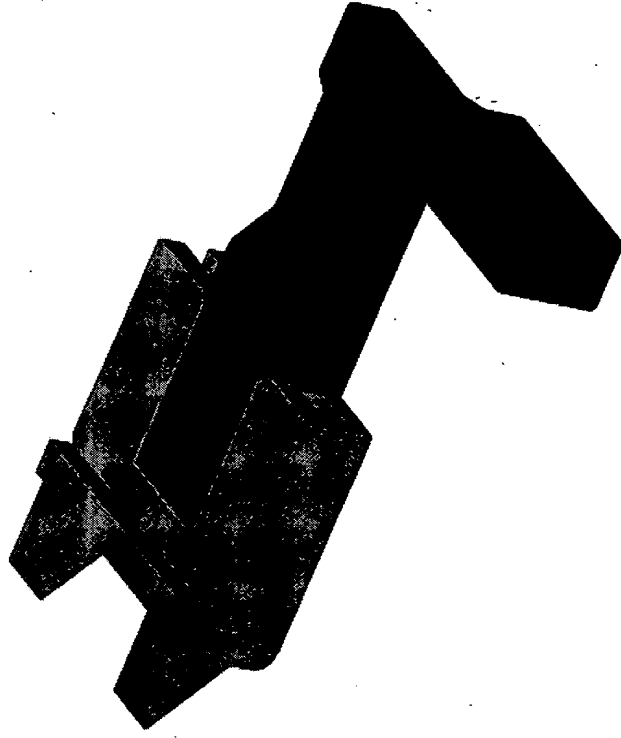
NO SDK MARK 128
PROTRUSION ARE
ALLOW IN THESE
AREAS



REV	CHANGE	INITIATED	DATE
4	DESIGN CHANGED PER ENPLAS	RPCC	18092000
5	RECTANGULAR HOLE FOR METAL KICKER	RPCC	09102000
6	REDUCE SLOTS WIDTH FOR METALIZED NOISE	RPCC	23102000

UNLESS OTHERWISE SPECIFIED, ■ DIMENSIONS ARE IN mm ■ THIRD ANGLE PROJECTION		DRAWING NO.		E2D Communications Pte Ltd	
■ TOLERANCES: X+/- 0.1mm XX +/- 0.05mm XXX +/- 0.03mm		REFERENCE NO.		TITLE: PISCES ACTUATOR	
DRAWN BY RPCC CHECKED BY YPS		DATE 220300		PART NUMBER	
Angles +/- 1°		DATE 220300		SCALE NDT TO SCALE UNIT mm	
				SHEET OF	

Exhibit G



4.5° to 5° draft

Feature Change

ALSO IN THESE AREAS

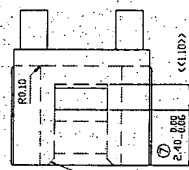
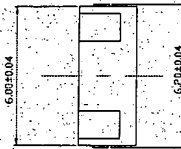
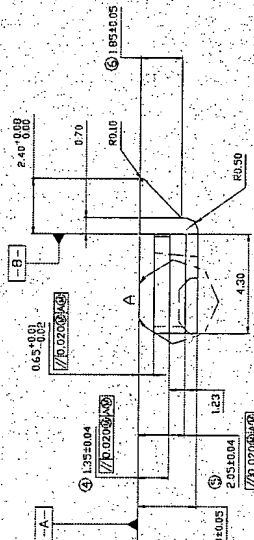
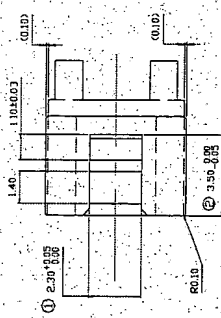
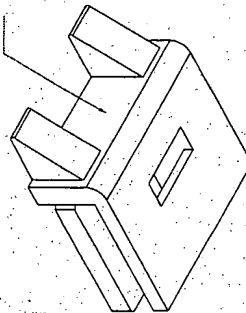
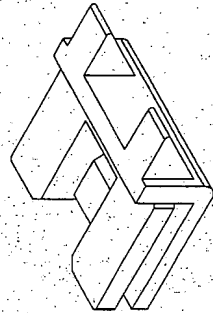
NO SINK MARK OR
PROTRUSION ARE
ALLOWED IN THESE
AREAS

4.5° to 5° draft

Feature Change

REV	CHANGE	INITIATE BY	DATE
06	Reduce slots width for Metalized Nose	RPCC	23 OCT 2000
07	Design change on kickers for better locking	RPCC	29 DEC 2000
08	Modify for new kickers attachment	YP SIM	07 MAR 2001

E20 CONFIDENTIAL AND PROPRIETARY



1) Shipping Label must contain the following information:

- b) E20 Part Number
- c) Part Description
- d) Purchase Order Number
- e) Shipment Quantity
- f) Lot/Batch Number or Date Code
- g) Vendor Name
- h) Material - Uiten 2310-1000 Natural (No regindol)
UL File# E121562
- i) Colour of molded parts to be consistent to raw resin/pellet colour
- j) Cleanliness: Parts to be free of burr, dirt, fibers, oil and of contaminations.
- k) Critical dimensions are marked with number inside a circle.
- l) Flashing to be controlled below 0.1mm unless otherwise specified. Functional over-write this clause.
- m) Responsibility of vendor to ensure part is conformance and quality per E20 drawing and IOA specification.

NOTES:

VIEW A

50

UNLESS OTHERWISE SPECIFIED, ■ DIMENSIONS ARE IN mm ■ THIRD ANGLE PROJECTION ■ TOLERANCES X +/- 0.1mm XX +/- 0.05mm XXX +/- 0.03mm Angles +/- 1°	DRAWING NO.	MDP-DW-0024		E2D Communications Pte Ltd	
	REFERENCE NO.			TITLE	
	DRAWN BY	RPCC	DATE	PART NUMBER	
	CHECKED BY	YP SIM	DATE	SCALE	
			22 MAR 2000	MDP-0024	UNIT mm
			22 MAR 2000		SHEET 1 OF 1

UNIT 33

SHEET

1

E2D CONFIDENTIAL AND PROPRIETARY

UNLESS OTHERWISE SPECIFIED, ■ DIMENSIONS ARE IN mm ■ THIRD ANGLE PROJECTION		DRAWING NO.		MOP-DW-0036		E20 Communications Pte Ltd	
■ TOLERANCES X+/- 0.1mm XX +/- 0.05mm XXX +/- 0.03mm		REFERENCE NO.				TITLE	
		DRAWN BY		YP SIM	DATE	PART NUMBER	
		CHECKED BY		PANG	DATE	MOP-0036	
Angles +/- 1°						UNIT mm	
						SHEET 1 OF 1	

- 1) Shipping Label must contain the following information:
 - a) E20 Part Number
 - b) Part Description
 - c) Purchase Order Number
 - d) Shipped Quantity
 - e) Lot/Batch Number or Date Code
 - f) Vendor Name
- 2) Material : Duracoin #90, Red Colour (No regrind)
UL File# E
- 3) Colour of molded parts to be consistent to raw resin/pellet colour.
- 4) Cleanliness : Parts to be Free of burr, dirt, fibers, and of contaminants.
- 5) Critical dimensions are marked with number inside a circle.
- 6) Flaming to be controlled below 100mm unless otherwise specified. Functional overrule this clause.
- 7) Responsibility of vendor to ensure part is conformant and quality per E20 drawing and IQA specification.

